

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning on page 5, line 11, as follows:

The peptides of the present invention are characterized in that they comprise the peptide sequence (I; SEQ ID NO: 15) below:

Please amend the paragraph beginning on page 9, line 20, as follows:

Thus, according to a first particular embodiment of the present invention, the peptides of the present invention may comprise, for example at their N-terminal end, a functionalization sequence of three amino acids. This functionalization sequence makes it possible to directly attach a molecule for treating diseases to the peptide and/or to directly attach said peptide to a support. The peptides in accordance with this embodiment can be defined by the sequence (II; SEQ ID NO: 16) below:

Please amend the paragraph beginning on page 10, line 13, as follows:

According to a second particular embodiment of the present invention, the peptides of sequence (I) may comprise, for example, at their N-terminal end, a functionalization sequence of four amino acids J^3 - J^2 - J^1 - J^0 -, chosen from Gly-Ser-Gly-Cys- (SEQ ID NO: 17), Gly-Cys-Gly-Ser- (SEQ ID NO: 18), Gly-Ser-Gly-Ser- (SEQ ID NO: 19), Gly-Cys-Gly-Cys- (SEQ ID NO: 20) and Gly-Cys-Gly-Ser- (SEQ ID NO: 18). This functionalization sequence is useful, for example, for direct attachment of a label such as technetium to the peptide. This embodiment is disclosed below. Thus, for example, each of the sequences ID No. 1 to ID No. 10 mentioned above may comprise, by choice, each one of the abovementioned functional sequences. The sequences ID No. 11 of the sequence listing in the appendix (several sequences are grouped together as a single one under the name ID No. 11) are merely

nonlimiting examples of sequences (I) according to the present invention comprising, at their N-terminal end, a functional sequence of four amino acids.

Please amend the paragraph beginning on page 10, line 33, as follows:

According to a third particular embodiment of the present invention, the peptides of sequence (I) may comprise, for example at their N-terminal end, a functionalization sequence of seven to eleven amino acids. This functionalization sequence is useful, for example, for direct attachment of a label such as technetium to the peptide. This embodiment is disclosed below. Thus, for example, each of the sequences ID No. 1 to ID No. 10 mentioned above may comprise, by choice, each one of the abovementioned functional sequences. It is also possible to replace the sequence Gly-Ser-Gly-Cys (SEQ ID NO: 17) of the sequences ID No. 11 to 14 with Gly-Bb1-Gly-Bb2, in which Bb1 and Bb2 are, independently, Cys or Ser. These sequences ID No. 13 and 14 of the sequence listing in the appendix (several sequences are grouped together as a single one under the name ID No. 13 or 14) are merely nonlimiting examples of sequences (I) according to the present invention.

Please delete the original Abstract appearing on page 42 and insert therefor the attached substitute Abstract as new page 42.

Please delete the original Sequence Listing.

Page 42 (Abstract), after the last line, beginning on a new page, please insert the attached substitute Sequence Listing.